

Remarks

A. Status of the Claims

Claims 2-16 were pending at the time of the Action. Claims 2-6, 8-14, and 16 have been amended by deleted non-elected subject matter. Applicants reserve the right to pursue the subject matter of the non-elected inventions in one or more divisional applications.

B. Sequence Listing

Applicants have filed herewith a corrected sequence listing containing 116 sequences. This sequence listing does not introduce new matter because all 116 sequences in the sequence listing are disclosed within the specification as originally filed. In particular, see pages 111-182 of the 183 page document (*i.e.*, the PCT application) filed in PAIR under the heading “Documents Submitted with 371 Applications” on 6/17/05, and FIGs. 2A, 2B, 4A, and 4B. In addition, support for these sequences can be found in the Specification at Table 1 on pages 14-16, and pages 54-56.

C. Response to the Restriction Requirement

In response to the restriction requirement that the Examiner imposed, Applicants elect Group XXXV (*i.e.*, claims 2-16 drawn to a nucleic acid encoding SEQ ID NO: 97). Applicants note that SEQ ID NO: 96 is the nucleic acid sequence corresponding to the amino acid sequence of SEQ ID NO: 97. Applicants further note that primers having the sequences of SEQ ID NOs. 98-101 were used in the isolation of SEQ ID NOs: 96 and 97 (*see e.g.*, Specification, p. 64, ln. 20 to p. 65, ln. 1). It is assumed that the Examiner did not intend to require restriction among these sequences since SEQ ID NOs: 96 and 98-101 were not identified in the restriction requirement as being separate inventions, claims referencing these sequences were included in Group XXXV (*see, e.g.*, claims 8-13), and it would not impose an undue burden on the Examiner to examine these sequences together given the above-mentioned relationship among these sequences.

G. Conclusion

Applicant believes this to be a complete response to the Restriction Requirement dated March 31, 2010. The Examiner is invited to contact the undersigned attorney at (512) 536-5654 with any questions, comments or suggestions relating to the referenced patent application.

Respectfully submitted,



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